Simple operation shows the color difference between your target and samples in an instant.

Simple basic operation. Just three steps:
Switch on → Measure target → Measure samples

Lightweight and compact!

Large easy-to-read display!

Konica Minolta’s new Color Reader Series has arrived!
Main Specifications

**Model**
Color Reader CR-10 Plus

**Illumination/viewing system**
8° (F-illumination angle/0° diffusely; viewing specular component included) (conforms to DIN 5033 Teil 7, JIS Z 8722 condition d, ISO 7724-1, CIE No. 15, ASTM E 1164)

**Detector**
Silicon photodiodes (6 pcs.)

**Display range**
L*: 1 to 100

**Detector**
Silicon photocells (6 pcs.)

**Storage temperature/ humidity range**
-20 to 40°C, relative humidity 85% or less (at 35°C) with no condensation

**Operation temperature/ humidity range**
0 to 40°C, relative humidity 85% or less (at 35°C) with no condensation

**Illumination/viewing system**
8° (illumination angle/diffuse viewing: specular component included)

**ΔEab**
0.1 (L*a*b*)

**ΔEab 0.1**
(L*a*b*), E*ab (CIE 1976)

**Battery performance**
Approx. 2,000 measurement at 10-sec. intervals when using alkaline-manganese batteries

**Battery performance**
Approx. 1 sec.

**Light source**
Pulsed xenon lamps

**Power**
4 AA-size alkaline dry batteries or nickel-metal-hydride rechargeable batteries, USB bus power or special AC Adapter

**Weight**
420 g (without batteries)

**Size (W x H x D)**
66 x 158 x 85 mm

**Weight**
425 g (without batteries)

**Display languages**
English, Simplified Chinese, Japanese

**Standard accessories**

**Optional accessories**

**PC application**
The PC application stored in the CR-10 Plus body helps you manage data more effectively.

**Useful functions available with PC application**

- **Data memory**
  - Target data, Samples data (up to 1,000 in total)

- **Display example**

  ![Display example](image)

**SAFETY PRECAUTIONS**

For correct use and for your safety, be sure to read the instruction manual before using the instrument.

- Always connect the instrument to the specified power supply voltage. Improper connection may cause a fire or electric shock.
- Be sure to use the specified batteries. Using improper batteries may cause a fire or electric shock.

**PC system requirement**

- **OS**
  - Windows® 7 Professional 32bit, 64bit
  - Windows® 8 Pro 32bit, 64bit
  - Windows® 8.1 Pro 32bit, 64bit

- **CPU**
  - Intel® Pentium® 4 3GHz or higher

- **RAM**
  - 1GB or more

- **HDD**
  - 50GB or more

- **Display**
  - 1024x768 (XGA, 16-bit color)

- **Interface**
  - One USB2.0 port is necessary.

- **Other**
  - Windows® XP Service Pack 2 or later
  - Microsoft® Internet Explorer® 7.0 or later

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  - French Office
  - UK Office
  - Italian Office
  - Nordic Office
  - Polish Office
  - SE Sales Division
  - Beijing Office
  - Guangzhou Office
  - Chongqing Office
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